



## State of Vermont

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Department of Environmental Conservation  
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Waste Management Division  
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August 16, 2001

CHET BROADWELL  
PO BOX 6145  
RUTLAND VERMONT 05702

RE: Site Management Activity Completed, Chet's Citgo, 417 West Street, Rutland, Vermont  
(Site #95-1757)

Dear Mr. Broadwell:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the Johnson Company, Inc., summary report dated April 17, 2001, in which a petition is made for giving the site a SMAC (Site Management Activity Completed) designation.

Chet's Citgo became an active site managed by the WMD in February 1995, when groundwater samples collected from the subject property were found to contain gasoline contamination. The samples were collected in association with a Phase II Environmental Site Assessment performed for a nearby parcel. In April 1995, Chet Broadwell directed the removal of all five of his petroleum underground storage tanks (USTs); four of the tanks contained gasoline and one contained used motor oil. Mr. Broadwell hired The Johnson Company, Inc. to investigate, and if necessary, remediate this site. The work conducted by The Johnson Company, Inc. included the following tasks: (1) periodic sampling of four groundwater monitoring wells, and laboratory analysis of each sample for the presence of petroleum contaminants; (2) testing of shallow soils for residual contamination; and (3) an evaluation of risks posed by the release to human health and the environment. The soil investigation indicated that no significant risks were posed to human health from shallow soil exposure. Furthermore, no nearby potential sensitive receptors (e.g., drinking water supplies, the Otter Creek, indoor air of adjacent buildings, etc.) were threatened by the release(s). The selected remedy for the site was monitored natural attenuation, which relies upon natural processes to reduce contaminant levels over time. These levels did steadily decline, and the latest results (collected in April 2001) contained no detectable petroleum compounds.

Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:

- the five petroleum USTs have been removed from the ground, and are no longer a continuing source of contamination at this site;
- any residual soil and groundwater contamination is limited to the immediate vicinity of the former UST area and will be naturally attenuated over time; and

(over)

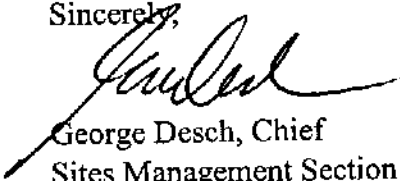
- any residual contamination does not pose an unacceptable risk to human health or the environment.

Since any remaining petroleum contamination appears confined to the former UST locations and does not pose an unreasonable risk to human health and safety or to the environment, the SMS is assigning this site a SMAC designation. This designation does not release Chet Broadwell or subsequent property owners of any past or future liability associated with any petroleum contamination remaining in the ground from the removed USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

If the monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule-Chapter 21. Also, the road box or stand-up well guard for a monitoring well must be removed before well closure is considered complete. Please have your consultant submit a plan for the monitoring wells within 15 days of your receipt of this letter.

If you have any questions or comments, please feel free to contact either me or Matt Moran at 802-241-3888.

Sincerely,



George Desch, Chief  
Sites Management Section

cc: Rutland Board of Alderman  
Rutland Health Officer  
DEC Regional Office  
Don Maynard, The Johnson Company, Inc.